

What is claimed is:

1. A camera system having a camera body and a photographing lens which can be mounted to and dismounted from said camera body, wherein said camera body comprises:

5 a determining device which determines a type of said photographing lens in accordance with data received from said photographing lens; and

a body controller which has a function to send body data and individual function data to said photographing lens, wherein each of said individual function data is required for a corresponding function that said photographing lens possesses;

10 wherein said body controller sends all said body data to said photographing lens regardless of the type of said photographing lens, and sends a portion of said individual function data which is associated with said type of said photographing lens to said photographing lens.

2. The camera system according to claim 1, wherein said body controller sends all said body data to said photographing lens at regular intervals, and selectively sends said individual function data to said photographing lens in accordance with said type of said photographing lens.

25 3. The camera system according to claim 3,

wherein said photographing lens comprises a lens controller, which can communicate with said body controller, wherein said lens controller sends lens type data, which indicates said type of said photographing lens,  
5 to said camera body.

4. The camera system according to claim 3, wherein, in the case where said body controller receives said lens type data output from said lens controller, said body controller sends corresponding said individual  
10 function data to said photographing lens.

5. The camera system according to claim 1, wherein said body data includes fundamental data of said camera body.

6. The camera system according to claim 5,  
15 wherein said body data includes data for a power saving operation.

7. A camera body, to which a photographing lens can be mounted and dismounted, comprising:

a determining device which determines a type of said  
20 photographing lens in accordance with data received from said photographing lens; and

a body controller which has a function to send body data and individual function data to said photographing lens, wherein each of said individual function data is  
25 required for a corresponding function that said

photographing lens possesses;

wherein said body controller sends all said body data to said photographing lens regardless of the type of said photographing lens, and sends a portion of said individual function data which is associated with said type of said photographing lens to said photographing lens.

8. The camera body according to claim 7, wherein, in the case where said body controller receives said lens type data output from said lens controller, said body controller sends corresponding said individual function data to said photographing lens.

9. The camera body according to claim 7, wherein said body controller sends all said body data to said photographing lens at regular intervals, and selectively sends said individual function data to said photographing lens in accordance with said type of said photographing lens.

10. A photographing lens which can be mounted to, and dismounted from, a camera body, said camera body having a body controller which has a function to send body data and individual function data to said photographing lens, wherein each of said body data indicates an operating status of said camera body, and wherein each of said individual function data is required for a

corresponding function that said photographing lens possesses, said photographing lens comprising:

a lens controller which can communicate with said body controller, and can send lens type data which  
5 indicates said type of said photographing lens to said camera body.

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